

Description

[Baby Crib Mattress with Personal Label Attached having Adult Mattress Comfort, Quality ,Style and Appeal]

DETAILED DESCRIPTION

[0001] This invention will be described in more detail in conjunction with the attached figures 1 and 2 that illustrate a few embodiments of the invention, not to limit it. In the figures and in the specification, the reference figure number will be used throughout to refer to the same parts.

[0002] Figure 1. The top surface of the mattress according to the invention consists of raw dimension (about $53 \frac{5}{8} \times 29 \frac{1}{2} \times \frac{3}{4}$ inches). The invention has about five other layers consisting of materials chosen by the owner or customer to maximize comfort, durability and support. Figure 1 shows 5 layers, but the construction is not limited to only 5 layers. Material thickness and firmness will determine the number of layers and type and size of the coil and filler material used. The top surface can consist of

various colors, designs and patterns of material to reflect the individual choice of the customer. The second layer typically will consist of a convoluted poly material or industry standard filler material as chosen by the company and customer to maximize comfort, durability and support requirements. Layer 3 consists of the coil structure. Typically the coil construction will consist of current wrapped coil technology or other owner chosen coil technology developed that is suitable and will improve the overall comfort, durability and support for the baby mattress. Typical wrapped coil height will be about 7 3/4 and the firmness will be chosen by the owner and customer to maximize comfort level and customer choice. The firmness level of standard wrapped coil ranges from .071 to .088. Customer has the flexibility to choose the type of firmness for each mattress. It is recommended that the firmest mattress be used for infant sleep comfort and best support to the developing anatomy.

[0003] Figure 2 shows the construction results on combining all the layers and using a closing process described in this text to produce the uniquely constructed baby mattress. The closing process begins with the selection of layers of materials commonly referred to as the construction mate-

rials detailed in figure 1. Once these material are gathered, the top surface of panel is cut to raw dimension or approximately 2" of excess material on all sides or around $53 \frac{5}{8} \times 29 \frac{1}{4} \times 11$ ". Once the raw panel dimension are achieved, the panel will need to be trimmed to the final measurements and a construction call the flange material is attached around the perimeter of the panel. To attach the panel to the other layers, you need to use a process known in the industry as Hog Ring. It ties the panel to the other layers of construction. In this process border wire is not used, like in some mattress constructions. A border material matching or complimenting the panel appearance and tape is added around the sides of the mattress, aligned with the top panel and closed using a industry standard closing method. Next the customer chosen computer generated label with a personal inscription is attached to the top surface centered between the left and right side near the top of the mattress about 2" from the top. The mattress construction is completed and a quality control check is accomplished to ensure the highest standards or appearance, construction and industry safety. Free of defects in craftsmanship. The construction and quality process is completed.